forming a layer of conductive material <u>over the underlayer</u> having a topography that includes a substantially vertical component;

forming an overlayer over the said layer of conductive material;

etching a contact hole in said overlayer; and

forming a contact in said contact hole disposed adjacent to and contacting said vertical component.

- 22. A process as claimed in claim 21 wherein said vertical component defines a localized thick region in the layer of conductive material.
- 23. A process as claimed in claim 21 wherein said vertical component is a spacer.
- 24. A process as claimed in claim 21 further comprising the step of forming a structure having an opening therein under said conductive layer and filling said opening with said conductive material to form said vertical component.
- 25. A process as claimed in claim 21 wherein said conductive layer is a capacitor electrode.
- 26. (Amended) A process for making a semiconductor device having an improved contact to a conductive layer comprising the steps of:

providing a first layer of material and forming an opening therein, said opening including sidewalls;

forming a layer of a first conductive material on said first layer of material and along the surfaces of said sidewalls of said opening to form a localized thick region;

forming an overlayer of material on said layer of said first conductive material;



[forming] etching a contact hole in said overlayer and an amount of said layer of said first conductive material which communicates with said layer of said first conductive material; and

substantially filling said contact hole in said overlayer with a second conductive material which differs in composition from said first conductive layer and which contacts said first conductive material.

- 27. A process as claimed in claim 26 in which said first conductive material forms spacers on said sidewalls of said opening.
- 28. A process as claimed in claim 27 in which said second conductive material contacts at least said spacers.
- 29. A process as claimed in claim 26 in which said first conductive material comprises polysilicon and said second conductive material comprises a metal.
- 30. A process as claimed in claim 26 in which said first layer and said overlayer comprise insulating materials.
- 31. (Amended) A process for making a semiconductor device comprising:

 providing a substrate having at least one semiconductor layer;

 forming a conductive layer over said at least one semiconductor layer having a topography that includes a substantially vertical component;

forming an overlayer over said conductive layer;

forming a contact in said overlayer disposed adjacent to and contacting said vertical component; and

forming a structure having an opening therein under said conductive layer and filling said opening with said conductive material to form said vertical component.

- 32. A process as claimed in claim 31 wherein said vertical component defines a localized thick region in the layer of conductive material.
- 33. A process for making a semiconductor device comprising: forming a layer of conductive material having a topography that includes a spacer; forming a contact disposed adjacent to and contacting said spacer.
- 34. A process as claimed in claim 33 further comprising forming a structure having an opening therein under said conductive layer and filing said opening with said conductive material to form said spacer.
- 35. A process for making a semiconductor device having an improved contact to a conductive layer comprising:

providing a first layer of material and forming an opening therein, said opening including sidewalls;

forming a layer of a first conductive material on said first layer of material and along the surfaces of said sidewalls of said opening to form a localized thick region, wherein said first conductive material forms spacers on said sidewalls;

forming an overlayer of material on said layer of said first conductive material; forming a contact hole in said overlayer which communicates with said layer of said first conductive material; and

substantially filling said contact hole in said overlayer with a second conductive material which differs in composition from said first conductive layer and which contacts at least said spacers.

36. A process as claimed in claim 35 in which said first layer and said overlayer comprise insulating materials.

37. (Amended) A process for making a semiconductor device having an improved contact to a conductive layer comprising:

providing a first layer [of] and forming an opening therein, said opening including sidewalls;

forming a layer of a first conductive material on said first layer of material and along the surfaces of said sidewalls of said opening to form a localized thick region, said first layer of conductive material comprised of polysilicon;

forming an overlayer of material on said layer of said first conductive material; forming a contact hole in said overlayer which communicates with said layer of said first conductive material;

substantially filling said contact hole in said overlayer with a second conductive material which differs in composition from said first conductive layer and which contacts said first conductive material, said second conductive material comprised of metal.

- 38. A process as claimed in claim 37 in which said first layer comprises silicon dioxide said overlayer comprises boro-phospho-silicate glass.
- 39. A process as claimed in claim 37 wherein said contact hole is positioned directly above said opening and said thick region.
- 40. (Amended) A process for making a semiconductor device comprising:

 providing a substrate having at least one semiconductor layer;
 forming a conductive layer over the at least one semiconductor layer having a thick region;

forming an overlayer over the conductive layer; and

forming a contact through the overlayer and physically in contact with the thick

region.

- 41. The process of claim 40, wherein forming a conductive layer having a thick region comprises forming a layer of conductive material having a thick region having a width greater than other portions of the conductive layer.
- 42. The process of claim 40, wherein forming a conductive layer having a thick region comprises forming a layer of conductive material having a thick region having a width greater than other portions of the conductive layer and a depth extending below the other portions of the conductive layer.
- 43. The process of claim 40, wherein forming a contact comprises etching a tolerable amount of the thick region and forming a contact physically in contact with the thick region at a depth deeper than an upper surface of the thick region.
- 44. A process for making a semiconductor device comprising:

 forming a layer of conductive material having at least one thick component;

 forming at least one contact, wherein each of the at least one contact is in

 contact with one of the at least one thick component.
- 45. A process for making a semiconductor device comprising: forming an underlayer over a substrate; etching at least a portion of the underlayer to form an opening; and forming a conductive layer over the underlayer and forming a thick region of the conductive layer over the opening.